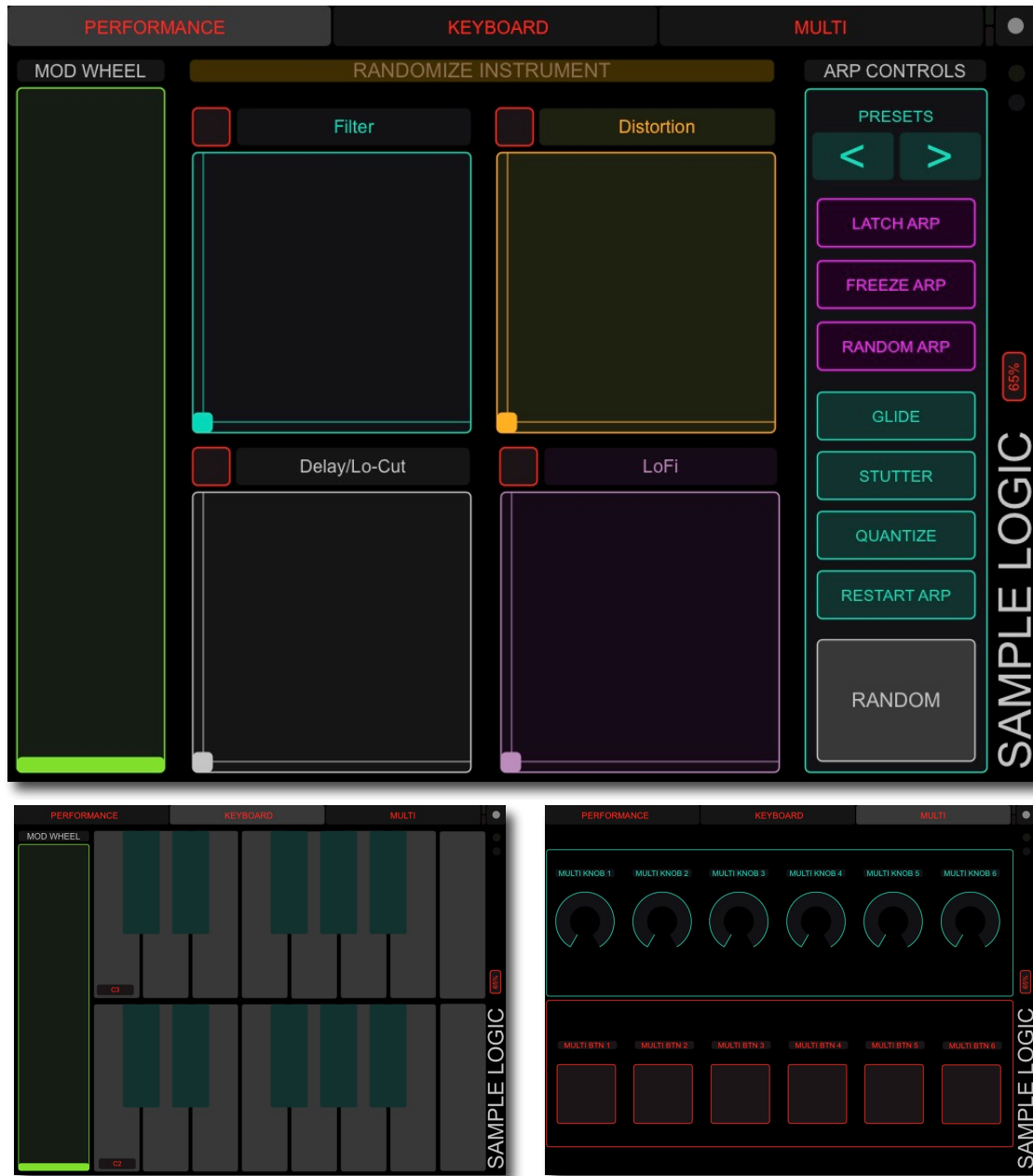


ARPOLOGY for TouchOSC by Sample Logic



The ARPOLOGY layout template has been designed specifically for the iPad, but can work with Android tablets. Note that this has not been tested. For details on installation and troubleshooting for Android, please visit <http://hexler.net/software/touchosc-android>

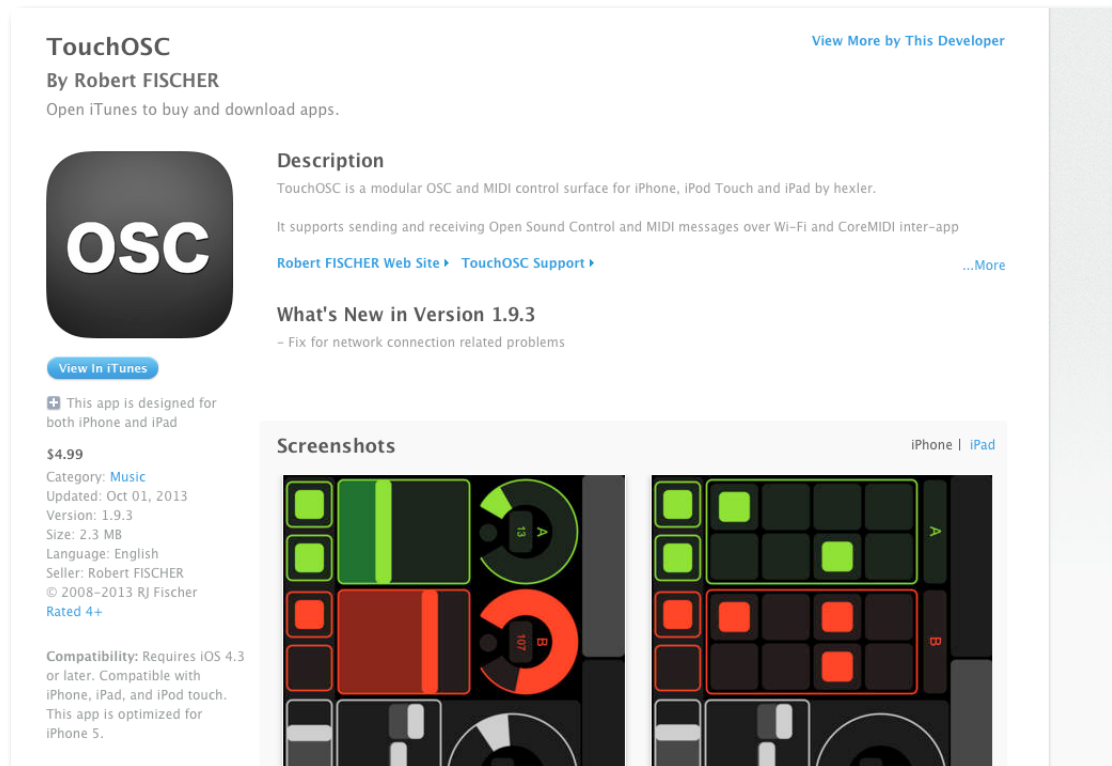
The TouchOSC Editor software is compatible with Mac, Windows, and Linux.

TouchOSC for iPad

1. You must own TouchOSC

Purchase TouchOSC from the iTunes app store. \$4.99
(<https://itunes.apple.com/us/app/touchosc/id288120394?mt=8>) or visit
the TouchOSC website: <http://hexler.net/software/touchosc>

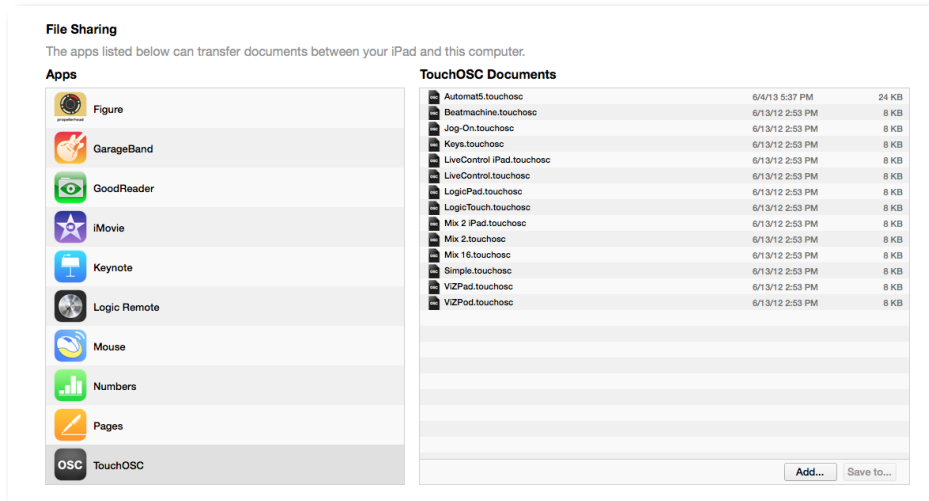
2. Download TouchOSC to your iPad



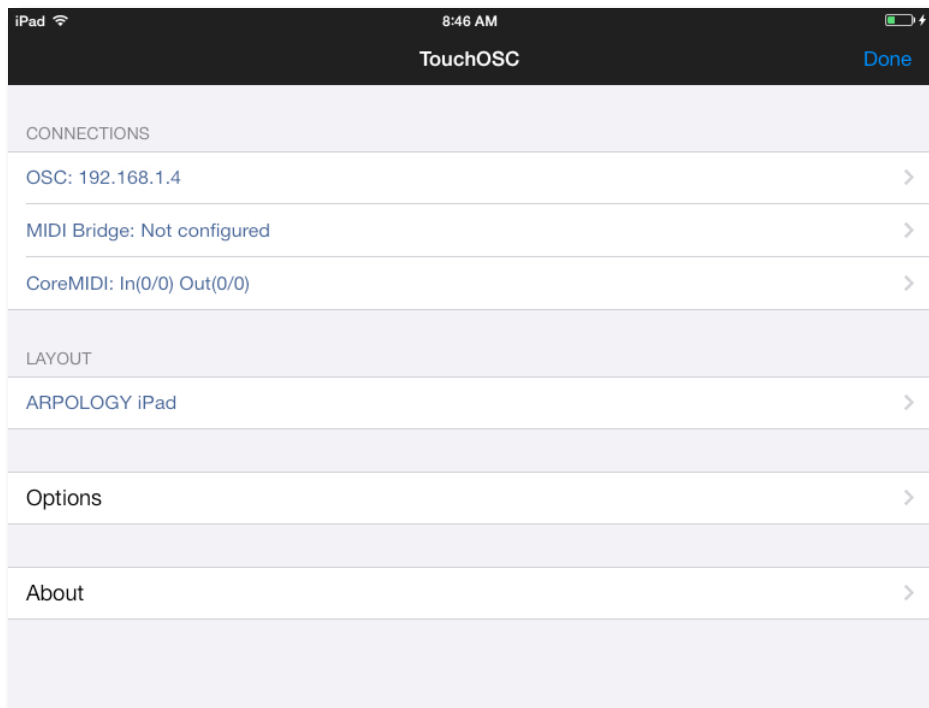
How to install the ARPOLOGY Layout for TouchOSC on an iPad

1. Locate the ARPOLOGY layout for TouchOSC, “**ARPOLOGY iPad.touchosc**”. This came with your download of ARPOLOGY and can be found in the ARPOLOGY folder installed to your hard drive.
2. Install the ARPOLOGY layout to your iPad. This can be done one of two ways:
 - a. **iTunes** (Note: this requires that your iPad and computer are on the same WIFI network or your computer and iPad are connected via the iPad cable.)
 - i. Open iTunes and choose your iPad from the “**Devices**” tab in iTunes.

- ii. Select the “**Apps**” tab
- iii. Under “Apps” click on the TouchOSC app icon. This will bring up the “**TouchOSC Documents**” window.

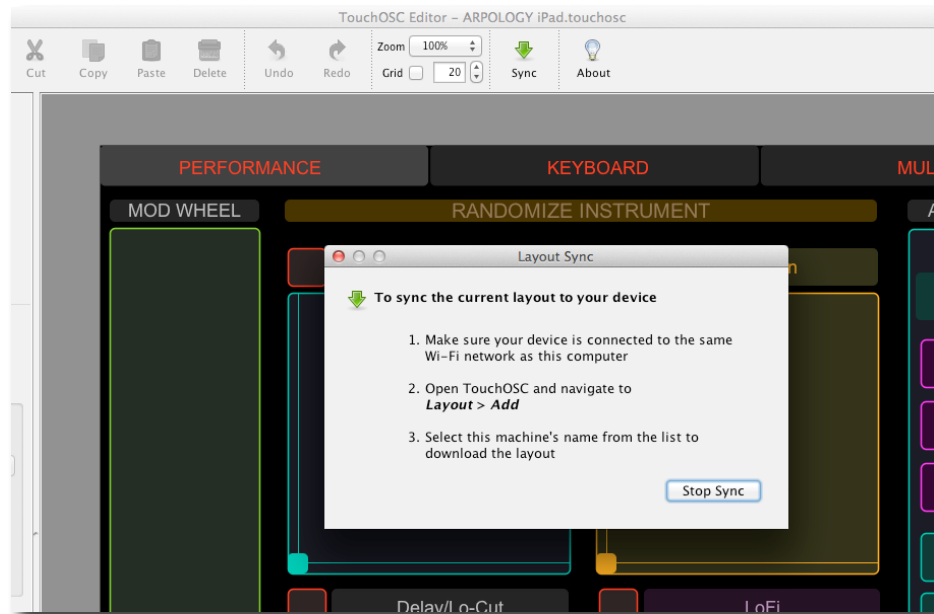


- iv. Drag and drop the ARPOLOGY layout or select “Add...” to add the layout to your iPad.
- v. Launch TouchOSC on your iPad and under “LAYOUT” choose “ARPOLOGY iPad” and press “Done” in the upper right corner.

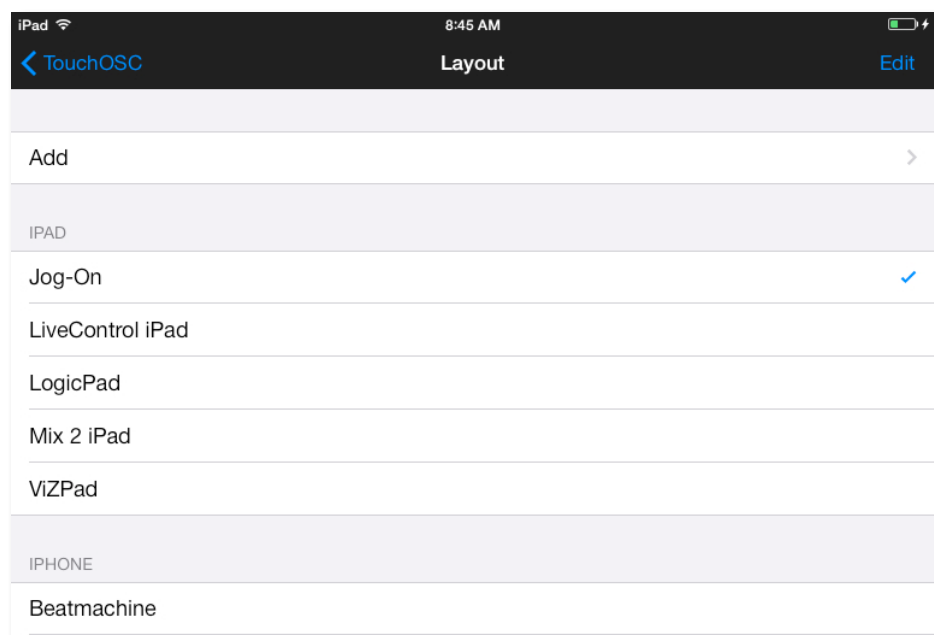


- b. **TouchOSC Editor** (Note: this requires that your tablet and computer are on the same WIFI network)

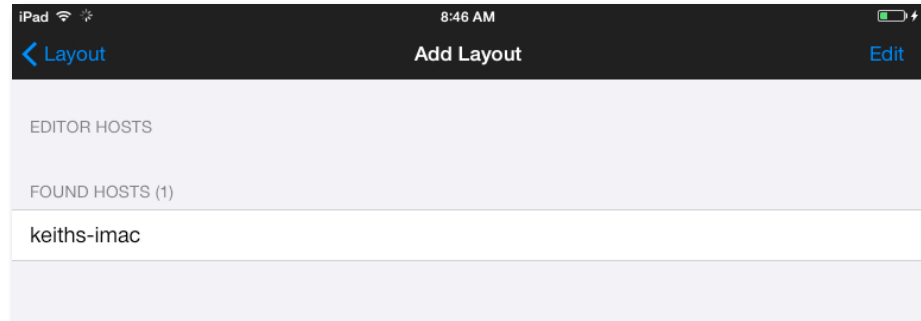
- i. Download the **TouchOSC Editor** from <http://hexler.net/software/touchosc>
- ii. Install TouchOSC Editor to your computer and then launch the application.
- iii. Open the layout you want to transfer in the TouchOSC Editor and click on the **“Sync”** button in the toolbar.



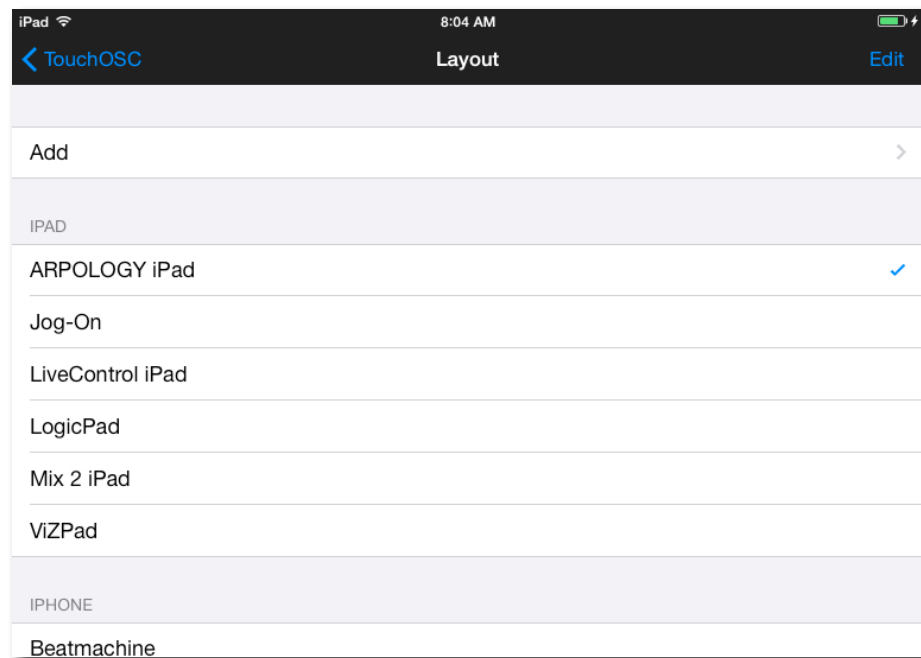
- iv. On your iPad, open the TouchOSC app and then click on the **“LAYOUT”** chooser menu to access and add ARPOLOGY.



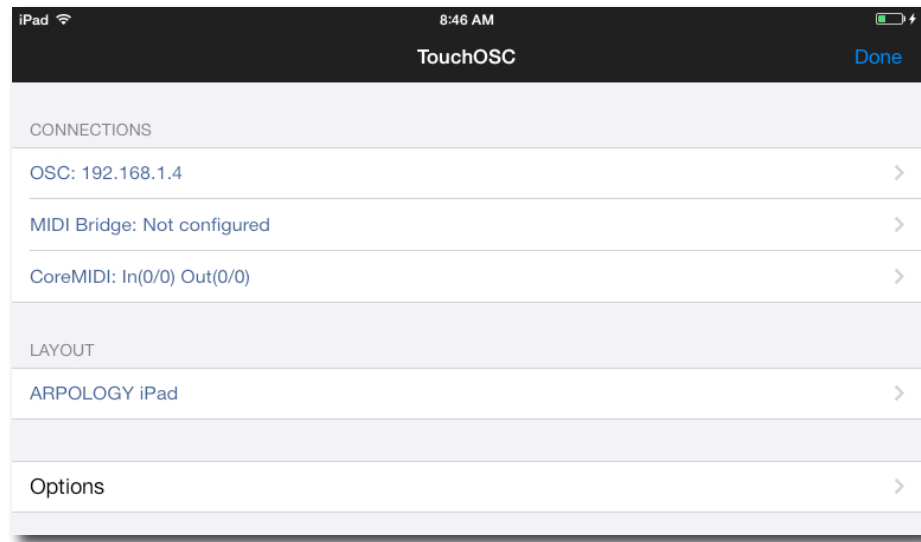
- v. From here you should see that TouchOSC has found a Host computer. Select your computer to download the ARPOLOGY layout automatically. Once synced, you can quit the TouchOSC Editor application on your computer.



- vi. Now under “LAYOUT” choose “ARPOLOGY iPad”.

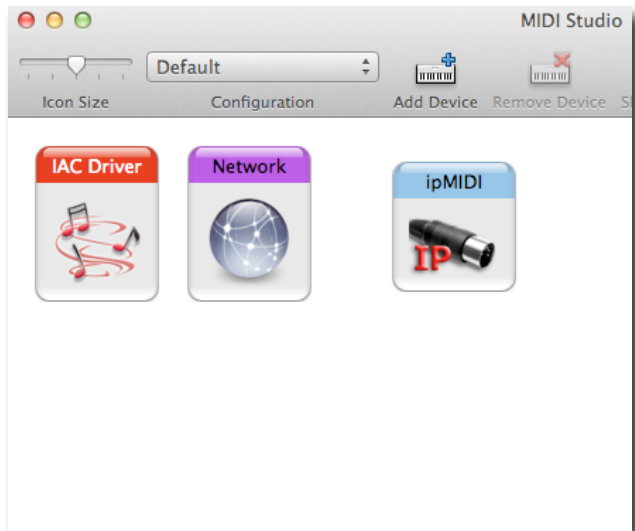


vii. Press “Done” in the upper right corner.

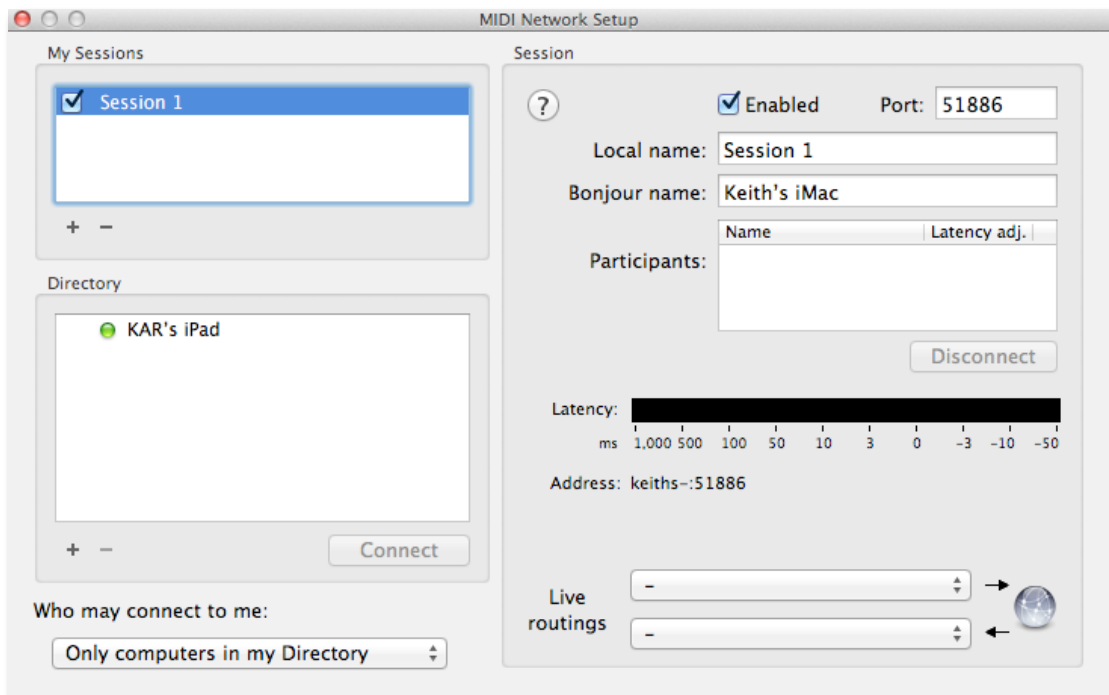


How to setup a CoreMIDI Network Session for TouchOSC on a Mac

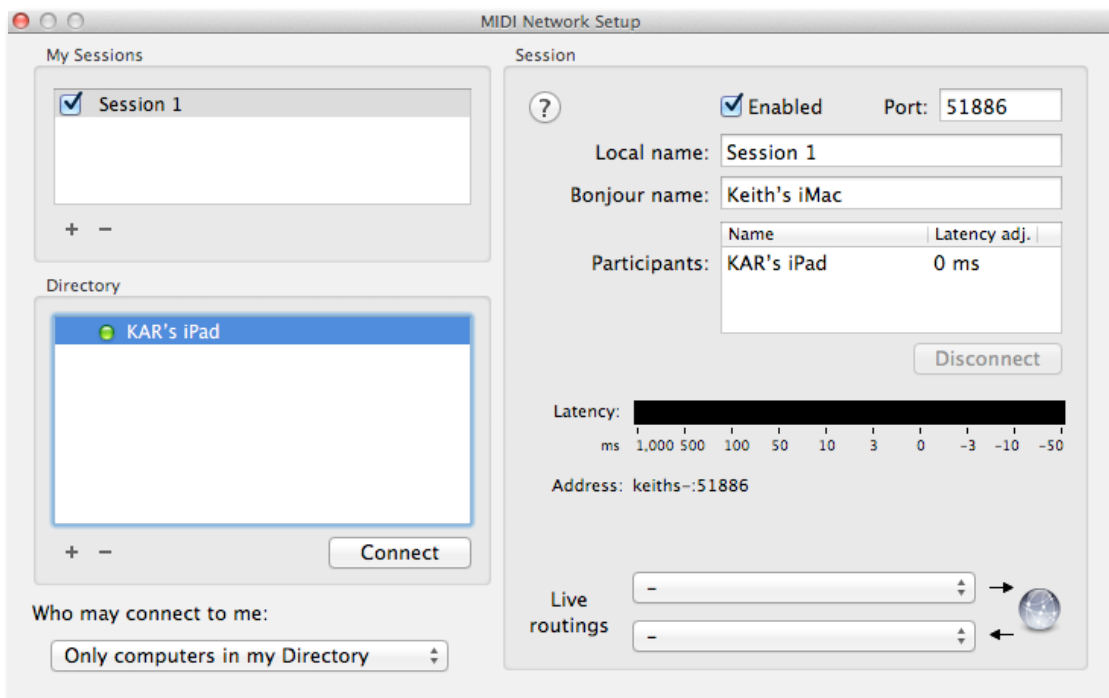
1. Launch “**Audio MIDI Setup**” from your Apple computer *Macintosh HD>Applications>Utilities>Audio MIDI Setup*
2. From the MIDI Studio window, double-click the “**Network**” icon to open the **MIDI Network Setup** window. If MIDI Studio is not in view, go to the “Window” drop down menu and select “**Show MIDI Window**”.



3. From **MIDI Network Setup** window you will see three sections: **My Sessions**, **Session**, and **Directory**. Under “My Sessions” check the box for “**Session 1**”.



4. Launch TouchOSC, then under the “Directory”, click on your iPad’s name and then click the “**Connect**” button.

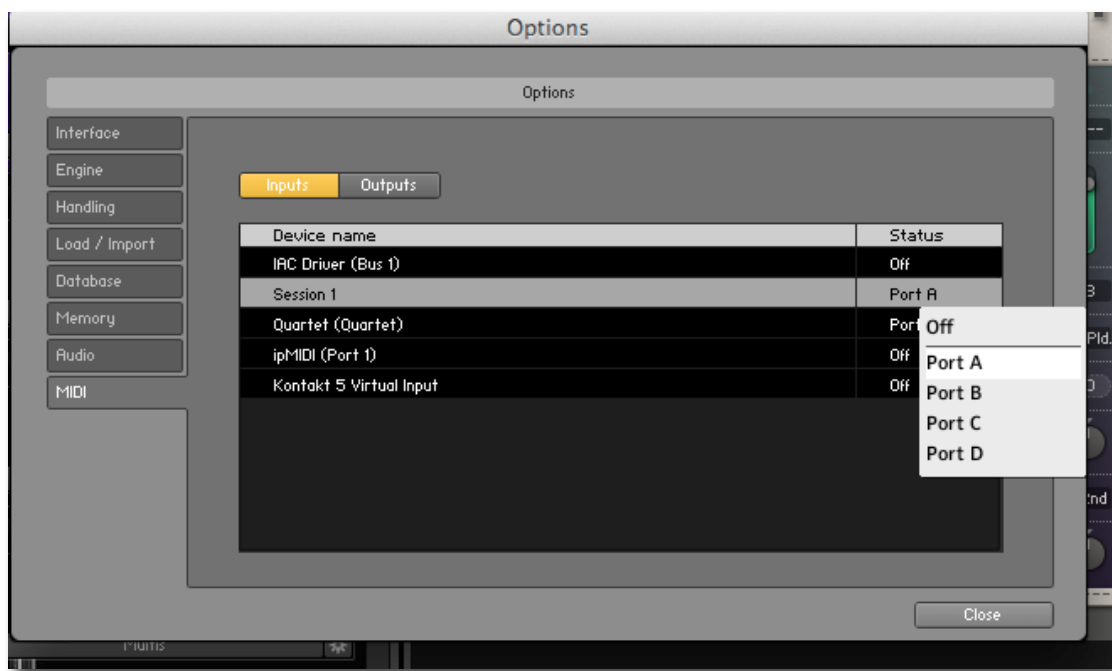


For details on setting up MIDI over a WIFI network using a Windows PC, please visit (<http://hexler.net/software/touchosc>)

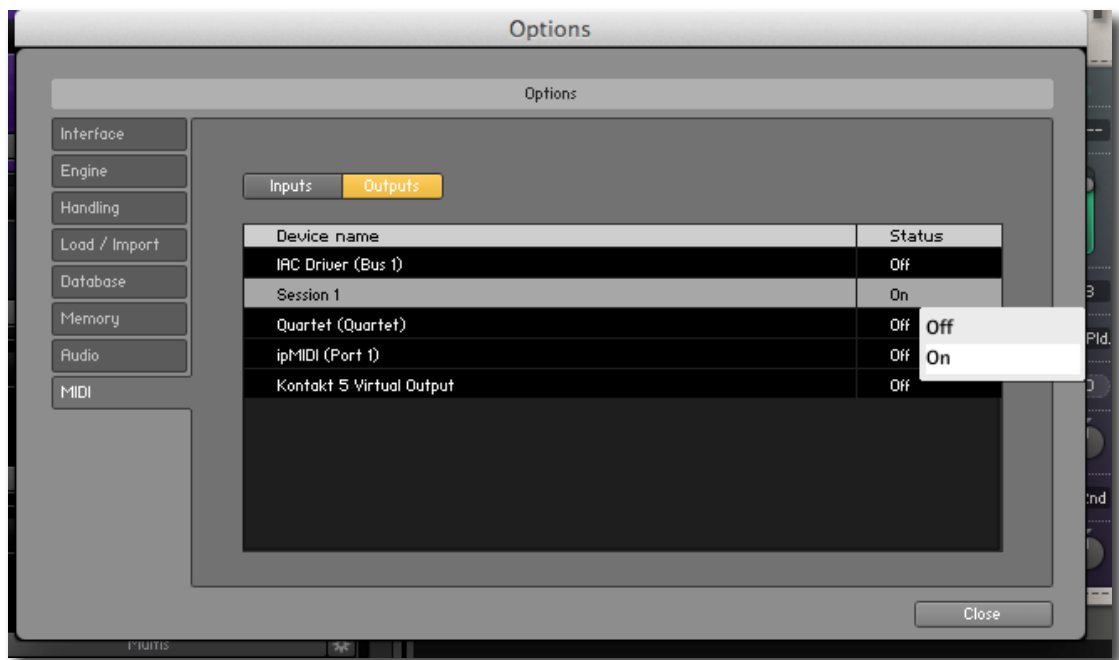
How to setup Kontakt for TouchOSC

Standalone

1. Open Kontakt.
2. Choose Kontakt Options. Click on the “Options” icon in the Kontakt toolbar at the top of Kontakt. The Options window should now be in view.
3. From the Options widow, choose the **MIDI tab** on the left.
4. Under “**Inputs**”, set the Device Name “**Session 1**” to Status “**Port A**”.



- Under “**Outputs**”, set the Device Name “**Session 1**” to Status “**On**”.



- Load an ARPOLOGY instrument in Kontakt and make sure that the MIDI Ch. is set to “**omni**” or “**Port A, Ch. 1**”.



DAW Plug-in

1. Launch your DAW
2. Insert Kontakt 5 on an instrument track and make sure the track is selected and record enabled.
3. ARPOLOGY for TouchOSC should automatically work. Depending on your DAW, you may have to activate your TouchOSC “Session 1” connection as a MIDI input device. This is done in your DAW’s MIDI settings.

Important Notes

1. When properly installed and on the same network connection, the ARPOLOGY layout for TouchOSC will control ARPOLOGY instruments by sending MIDI CC data to the instrument(s) on a selected track in most DAWs. However, most DAWs do not support synchronization of MIDI output back to TouchOSC, therefore if you manipulate ARPOLOGY controls in Kontakt, these will not be reflected visually in TouchOSC.
2. TouchOSC allows for customization using the TouchOSC Editor. This will allow you to expand on the ARPOLOGY layout if you wish. Additional CC assignments are required in ARPOLOGY and can be made using Kontakt's automation window in the left Kontakt browser. You can also right-click and use the MIDI learn feature. These assignments will need to correlate to any custom items you create in the TouchOSC editor.
3. TouchOSC is compatible with Android devices, but documentation is unavailable from TouchOSC at this time. For more details and help with Windows, PC, Linux, or Android, please visit:
<http://hexler.net/software/touchosc>
4. Below you will find a list of the MIDI CCs used by ARPOLOGY:
 - CC1 Mod
 - CC2 Random (STEP ANIMATOR)
 - CC9 Multi
 - CC12 Random ARP
 - CC13 Quantize
 - CC17 Latch
 - CC19 Multi
 - CC24-32 Multi
 - CC33 Filter Reson
 - CC34 Filter High Freq
 - CC35 LoFi Sample Rate
 - CC36 Distortion Drive
 - CC41 Filter On/Off
 - CC42 LoFi On/Off
 - CC43 Distortion On/Off
 - CC46 Delay On/Off
 - CC51 Master Lo-Cut
 - CC71 Random (Instrument)
 - CC104 Distortion Saturation
 - CC105 Delay Feedback
 - CC106 LoFi Bit
 - CC107 Presets
 - CC108 Presets
 - CC118 Restart ARP
 - CC119 Freeze ARP
 - Note A-1 Stutter
 - Note A#-1 Glide